



King County

**TRAFFIC SIGNAL TECHNICIAN
DEPARTMENT OF TRANSPORTATION
ROAD SERVICES DIVISION/ TRAFFIC MAINTENANCE
Hourly Rate Range: \$25.86 – \$29.82 (2004 Rates)
Job Announcement: 05SB5066
OPEN: 3/28/05 CLOSE: 4/8/05**

WHO MAY APPLY: This position is open concurrently to King County Internal candidates and the general public. First consideration will be given to King County Internal candidates.

WHERE TO APPLY: Required forms and materials **must** be sent to: **Road Services Division, ATTN: Scott Bruns, 201 S. Jackson St., KSC-TR-0313, Seattle, WA 98104.** Application materials must be submitted by 4:00 p.m. on the closing date. For additional information, please contact (206) 296-8191. (Postmarks are NOT ACCEPTED.) **PLEASE NOTE:** Applications not received at the specified address above will **not be processed**.

FORMS AND MATERIALS REQUIRED: (1) [King County Application](#), (2) resume (3) cover letter addressing how you meet or exceed the required knowledge, skills, and abilities, and (4) a minimum of three names and phone numbers for current and former supervisors.

WORK LOCATION: Traffic Maintenance Facility, 155 Monroe Ave., NE, Building B, Renton, WA and field-work

WORK SCHEDULE: This full-time position is overtime eligible. The standard workweek is 40 hours per week, Monday – Friday.

PRIMARY JOB DUTIES INCLUDE: This position is responsible for installing, maintaining, repairing and inspecting traffic signal and street lighting systems. Duties and responsibilities include:

- Repair and maintain wood and steel poles, energized overhead and underground cable, conduit and wiring systems.
- Replace lamps, clean and adjust optical components of signal displays and inspect traffic signal hardware, wiring, and cabling.
- Install wood poles, spanwires, cables and conductors and electrical service equipment.
- Operate line type truck and man-lift over traffic.
- Install or replace oversize street name signs over and off roadway.
- Install underground conduit and junction boxes.
- Install structural concrete foundations for steel lighting systems, electrical services and electrical service interconnect cabinets.
- Troubleshoot a large variety of gas discharge street lighting systems, electrical services and control cabinets.
- Respond to complaints about malfunctioning traffic signals.
- Setup temporary traffic control signing and channelization.

- Locate, reseal, repair or replace vehicle detection apparatus.
- Locate underground wiring conduit and boxes for utility contractors.
- Document all work and equipment changes.
- Locate all underground wiring, loops, and power distribution for utility contractors.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

- High school graduate and two (2) years related work experience or any equivalent combination of education and experience.
- Skill in safely operating vehicles and equipment.
- Skill in reading maps, plans, and specifications.
- Skill in oral and written communications.
- Ability to work in a team environment and independently.
- Ability to work and operate a bucket truck/man-lift.

NECESSARY REQUIREMENTS:

- IMSA level I Electrical Certification
- Valid Washington State Drivers License at the time of hire
- Commercial Driver's license – Class B at the time of hire
- Physically able to operate man lift equipment and weight not to exceed 300 pounds (Bucket Capacity).
- An offer of employment will be contingent on the success of a pre-employment physical examination and also submission to drug testing and testing negative for presence of controlled substances.

HIGHLY DESIRED KNOWLEDGE SKILLS, AND ABILITIES:

- IMSA level II Electrical Certification
- Electrical Maintenance Certificate (EL-07 or EL-01)

UNION MEMBERSHIP: Positions in this classification are represented by IBEW, Local 77

CLASS CODE: 8627

SEQUENCE: 0069